L45 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:924296 CAPLUS
DN 138:14668
ED Entered STN: 05 Dec 2002
TI Production of flame-resistant, dirt and water-repellent polyester textiles by treating with fluoropolymers
IN Fitz, Johannes
PA Germany
SO Ger. Offen., 4 pp.
CODEN: GWXXBX
DT Patent
LA German
IC ICM D06M015-256
CC 40-9 (Textiles and Fibers)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10129194	A1	20021205	DE 2001-10129194	20010604 <--
PRAI	DE 2001-10129194		20010604		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
DE 10129194	ICM	D06M015-256

AB Flame-resistant, dirt and water-repellent textiles comprise (A) a fabric layer made of fibers or filaments of linear aromatic polyesters comprising dicarboxylic acid and diol units containing phosphorus, and (B) a film-forming layer of fluoropolymers with high mol. weight and fluorine content of at least 50%. The fabric layer can be phosphorus-containing poly(ethylene terephthalate) fibers, and the proofing can be carried out by coating or impregnation with solns. or dispersions of fluoropolymers. Thus, tent cloths made from phosphorus-containing poly(ethylene terephthalate) netting were impregnated with aqueous dispersion of hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride copolymer, dried at 100-120° and thermally treated at 150-160°.

ST fluoropolymer treated flame resistant soil water repellent polyester fabric

IT Textiles
(fire-resistant; production of flame-resistant and dirt and water-repellent polyester textiles by treating with fluoropolymers)

IT Polyester fibers, uses
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(phosphorus-containing, Trevira CS, fabrics; production of flame-resistant and dirt and water-repellent polyester textiles by treating with fluoropolymers)

IT Polyesters, uses
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(phosphorus-containing, fibers, fabrics; production of flame-resistant and dirt and water-repellent polyester textiles by treating with fluoropolymers)

IT Soilproofing
Soilproofing agents
Waterproofing
Waterproofing agents
(production of flame-resistant and dirt and water-repellent polyester textiles by treating with fluoropolymers)

IT Fluoropolymers, uses

RL: TEM (Technical or engineered material use); USES (Uses)
(production of flame-resistant and dirt and water-repellent polyester textiles by treating with fluoropolymers)

IT 25038-59-9D, Poly(ethylene terephthalate), phosphorus-containing
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(fibers, fabrics; production of flame-resistant and dirt and water-repellent polyester textiles by treating with fluoropolymers)

IT 25190-89-0, Hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride copolymer 25684-76-8, Kynar SL
RL: TEM (Technical or engineered material use); USES (Uses)
(production of flame-resistant and dirt and water-repellent polyester textiles by treating with fluoropolymers)

RN 25038-59-9D
RN 25190-89-0
RN 25684-76-8

L45 ANSWER 2 OF 2 WPIX COPYRIGHT 2005 THE THOMSON CORP on STN
AN 2003-158345 [16] WPIX
DNC C2003-041438
TI Dirt- and water-repellent textile with low flammability for use, e.g. in vehicle seat covers, comprises fabric based on fibres of phosphorus-containing polyester coated with a layer of high-molecular weight fluoropolymer.
DC A14 A23 A95 F06
IN FITZ, J
PA (FITZ-I) FITZ J
CYC 1
PI DE 10129194 A1 20021205 (200316)* 3 D06M015-256 <--
ADT DE 10129194 A1 DE 2001-10129194 20010604
PRAI DE 2001-10129194 20010604
IC ICM D06M015-256
AB DE 10129194 A UPAB: 20030307
NOVELTY - Dirt- and water-repellent textiles with low flammability comprise (A) a textile layer consisting of fibres or filaments of linear aromatic polyester with phosphorus-containing chain members in addition to dicarboxylic acid and diol components, coated with (B) a film-forming layer of high-mol. weight fluoro-polymer with a fluorine content of at least 50 wt%.
USE - For the production of decorative materials of all types (wovens and non-wovens etc.) for vehicle seat covers, exhibitions and other applications.
ADVANTAGE - Textiles with a combination of dirt- and water-repellency, low flammability and (possibly) long-term resistance to weathering.
Dwg.0/0
FS CPI
FA AB
MC CPI: A04-E10; A05-E; A05-E10; A09-A01; A12-G01; A12-S05X; F01-D04; F01-D10; F03-C03A

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